

## MATERIAL SAFETY DATA SHEET

### SECTION I: Material Identification

Manufacturer's Name: Dependable Chemical Co. Inc.

Telephone No.: 216-333-1123

Address: P.O Box 16334 Rocky River OH 44116

Chemical Name & Synonyms: N/A

Chemical Family: N/A

Chemical Abstract No.: N/A

Formula No: Mixture SiO<sub>2</sub>+C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>

Trade Name and Synonyms: Dependable White Crack Filler \*

### SECTION II: Chemical and Physical Properties

Molecular Wt.: N/A

Boiling Point: 4046°F

Melting Point: 3050°F

Specific Gravity (Water=1): N/A

Odor/Appearance: White powder - no odor

### SECTION III: Flammability and Explosive Properties

No fire or explosion hazard

### SECTION IV: Composition

Crystalline Silica. Remainder non-hazardous

### SECTION V: Health Hazard Data

Threshold Limit Value = 10 mg/M<sup>3</sup>/8 Respirable quartz + 2

Prolonged overexposure to free dust above the Threshold Limit value specified above may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis, may result from breathing free silica dust. Silicosis is a form of disabling, progressive and sometimes fatal pulmonary fibrosis characterized by the presence of typical modulation in the lungs.

#### EFFECTS OF OVEREXPOSURE:

SKIN: May develop sufficient heat to cause burns if a large mass is kept in contact with the skin while hardening.

EYES: Particles may cause irritation.

#### Emergency and First Aid Procedures

Eyes: wash with large amounts of water

### SECTION VI: Reactivity Data

Stability: Stable

Conditions to avoid: None

Incompatibility (Materials to Avoid): Endothermic - Dissolved by Hydrofluoric Acid (HF)

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Conditions to avoid: None

SECTION VII: Environmental Hazard - Spill or Leak

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED.

Sweep up. Avoid creating excessive dust. Slurry may plug drains.

Persons not wearing protective equipment as noted in Section VIII should be restricted from areas of spills or releases until cleanup has been completed.

Waste Disposal Method: Collect spilled material in the most convenient dustless, safe, manner. Normal disposal as for any dry inert powder. Keep dry.

SECTION VIII: Special Protection Information

Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the permissible exposure level. Use NIOSH approved respirators for nuisance dust if above TLV.

Local exhaust may be necessary when dumping drums or bags.  
Rubber gloves should be used when mixing material with water.  
Goggles may be desirable when dumping bags or drums.

SECTION IX: Shipping Regulations for Hazardous Material

Neither this material nor its components are D.O.T. regulated.

SECTION X: Special Precautions and Conclusions

Keep product containers stored in a cool, dry place. Water causes the product to harden. Prevent dust and powder spills from entering sewers and drains.

Do not dispose of unused mixtures in drains or sewers as hardened product may clog them.

Avoid breathing of dust when mixing.

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Prepared by: Howard E. Priest

Title: President

Date: 12/28/85